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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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General Information

Part Number: 76650-0137
Manufacturer: Molex / Waldom
Title: Mini Mi II Connector Kit
Description: IDT SMT Vertical Header and Receptacle
Product Family: Mini Mi II™
Certificates: (Molex Parts within this kit) - EU RoHS Compliant, UL and CSA
Country of Origin: Kit assembled in U.S.A.

Specifications

Design
Configuration: Wire-to-Board
Pitch: 1.25mm (.049")
Connector Type: Surface mount Headers and IDT Receptacles
Mounting
Orientation: Vertical
Circuit Sizes: 2, 5, 8, 14, 18 and 20
Current Rating: 1.5 Amps
Voltage: 100 Volts
Wire size: 28-26 AWG

Product Highlights

Mini Mi II™ wire harness system is designed for high-density harness applications. Mini Mi II provides the same 1.5 amperes of current as similar 2.00mm (.079") pitch systems, but in a more compact design. Molex's Integrated Product Division provides the new Mini Mill system in both wire-to-board and wire-to-wire options with different custom lengths and wire configurations enabling multi-branch harnessing configurations, similar to Molex's existing 2.00mm (.079") pitch Mill system. The system saves about 45% of PCB space compared to 2.00mm Mill. Mini Mill is available in 2 to 40 circuits in single/dual row and SMT/through-hole styles.

Features and Benefits	Applications
<ul style="list-style-type: none"> • 1.5 amps meets office automation standards • Internal positive lock for secure retention • IDT housing for cost effective termination 	<ul style="list-style-type: none"> • Security devices • Car audio, car multimedia, car HVAC • Office equipment • Set-up boxes

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com

Bill of Materials for Part No. 76650-0137

Molex Part No.	Country of Origin	Description	Quantity in Kit
54596-0210	Japan	1.25mm (.049") Pitch Mini Mi II IDT receptacle, 2 Circuits	10
54596-0510	Japan	1.25mm (.049") Pitch Mini Mi II IDT receptacle, 5 Circuits	10
54596-0810	Japan	1.25mm (.049") Pitch Mini Mi II IDT receptacle, 8 Circuits	5
54596-1410	Japan	1.25mm (.049") Pitch Mini Mi II IDT receptacle, 14 Circuits	5
54596-1810	Japan	1.25mm (.049") Pitch Mini Mi II IDT receptacle, 18 Circuits	5
54596-2010	Japan	1.25mm (.049") Pitch Mini Mi II IDT receptacle, 20 Circuits	5
55450-0269	Japan	1.25mm (.049") Pitch Mini Mi II™ Header, Vertical, Surface Mount, 2 Circuits	10
55450-0569	Japan	1.25mm (.049") Pitch Mini Mi II™ Header, Vertical, Surface Mount, 5 Circuits	10
55450-0869	Japan	1.25mm (.049") Pitch Mini Mi II™ Header, Vertical, Surface Mount, 8 Circuits	5
55450-1469	Japan	1.25mm (.049") Pitch Mini Mi II™ Header, Vertical, Surface Mount, 14 Circuits	5
55450-1869	Japan	1.25mm (.049") Pitch Mini Mi II™ Header, Vertical, Surface Mount, 18 Circuits	5
55450-2069	Japan	1.25mm (.049") Pitch Mini Mi II™ Header, Vertical, Surface Mount, 20 Circuits	5

No Recommended Molex Tool for Part No. 76650-0137